Recombinant Rat Gcg protein, His-tagged

Cat. No. Gcg-6745R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gcg aa. (His21~Lys180) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	His21~Lys180
Form	Freeze-dried powder
Molecular Mass	25kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

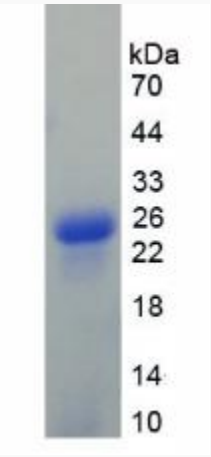
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	100mM NaHCO3, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Gcg glucagon [Rattus norvegicus (Norway rat)]
Official Symbol	Gcg
Synonyms	GLP-1; glucagon-like peptide-1; glucagon
Gene ID	24952
mRNA Refseq	NM_012707.2
Protein Refseq	NP_036839.2
UniProt ID	G3V6P5

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SDS-PAGE	

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